

REVISION HISTORY						
DATE	REV	ECO	DESCRIPTION	AUTHOR	CHECKED	APPROVED
11/5/19	A	-	INITIAL RELEASE	CMK	LS	CMK

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UNLESS OTHERWISE SPECIFIED
DRAWING INTERPRETED
PER ASME Y14.100-2004
DIMENSIONS INTERPRETED
PER ASME Y14.5-2009
DIMENSIONS IN INCHES
SURFACE ROUGHNESS: $\sqrt{1.6}$
REMOVE BURRS & BREAK EDGES
0.005 TO 0.015
.X ±.1
.XX ±.01
.XXX ±.005
ANGLES ±1°

THREADS
INTERNAL: CLASS 2B
EXTERNAL: CLASS 2A

APPROVALS		DATE
DRAWN	CMK	11/4/19
CHECKED	LS	11/5/19
APPROVED	CMK	11/4/19
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THIRD ANGLE
PROJECTION

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2001 AIRWAY AVENUE
FORT COLLINS, CO 80524
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DOCUMENT TITLE

C208B EMERGENCY BATTERY INSTALLATION

DRAWING NUMBER

C208RT-130

CAGE CODE

3CMA0

REV

A

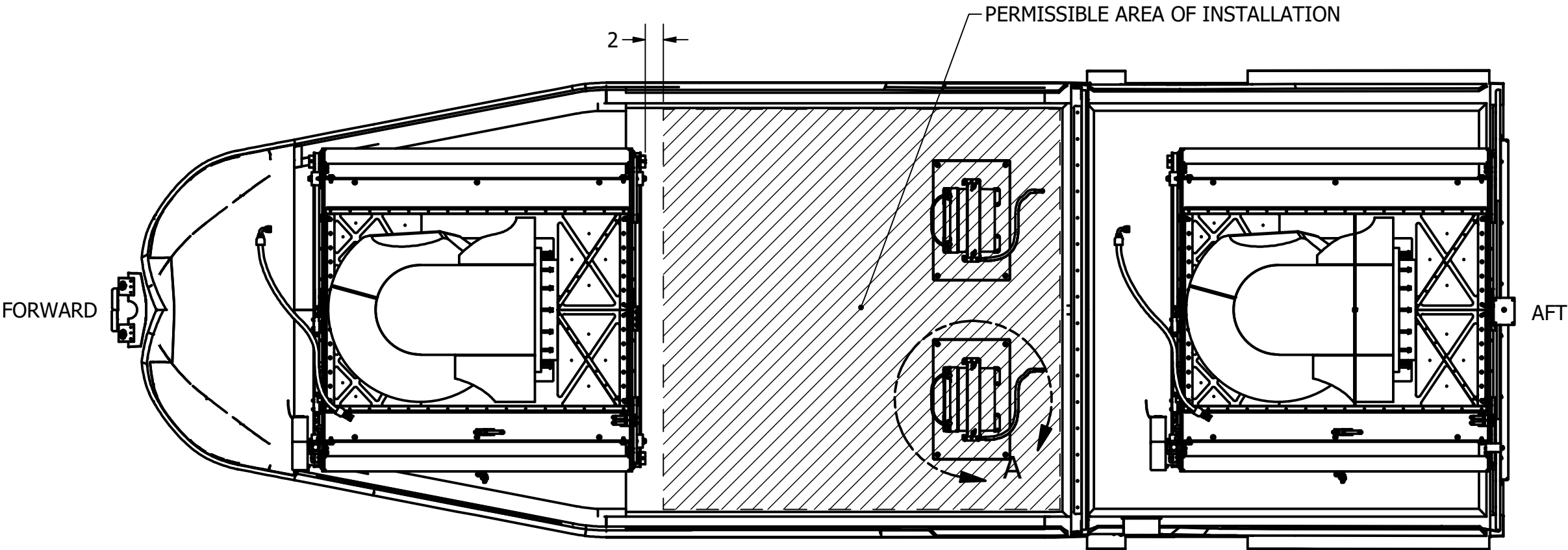
ECO

DO NOT SCALE DRAWING

SHEET 1 OF 3

-1 C208B EMERGENCY BATTERY INSTALLATION

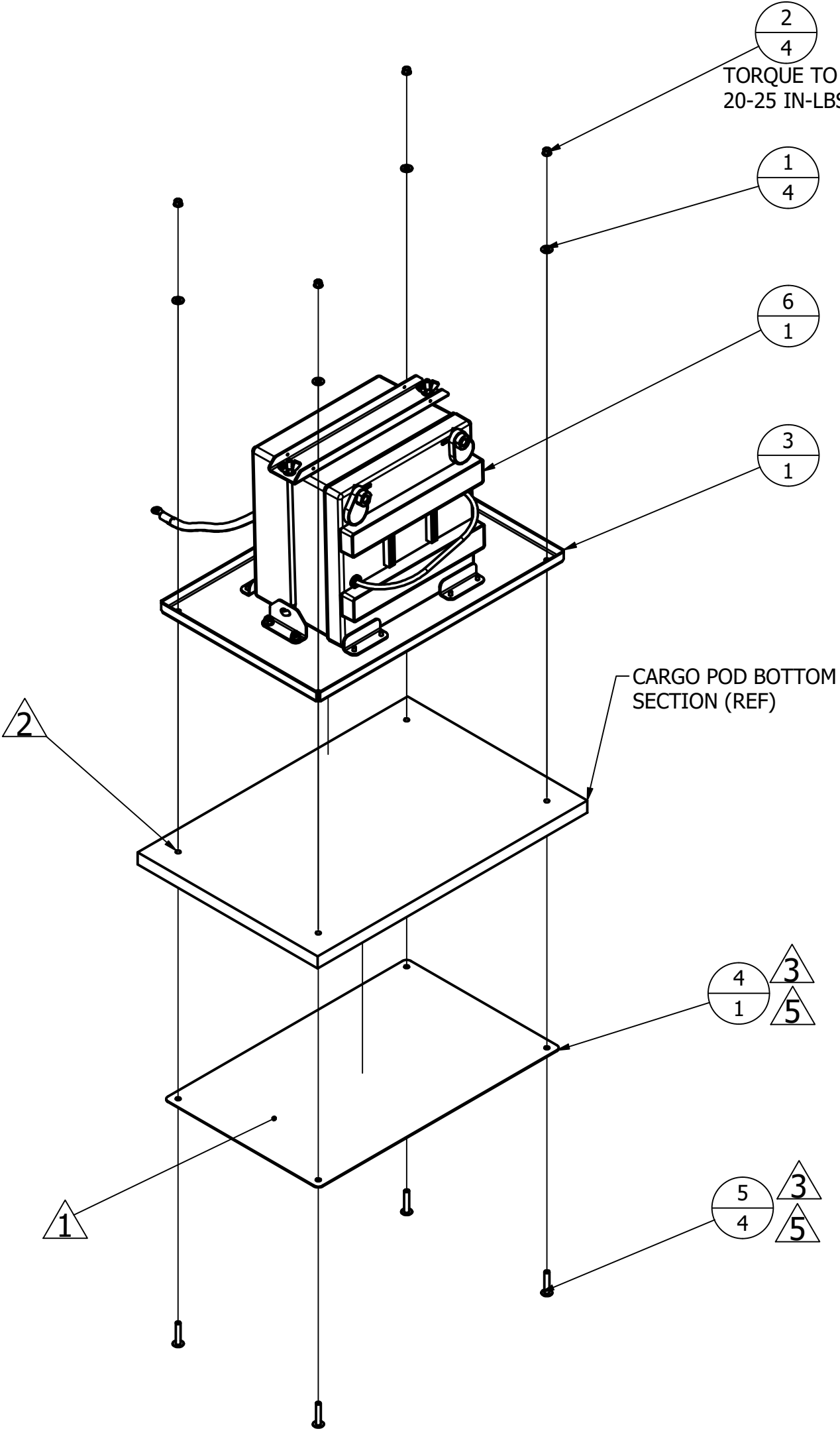
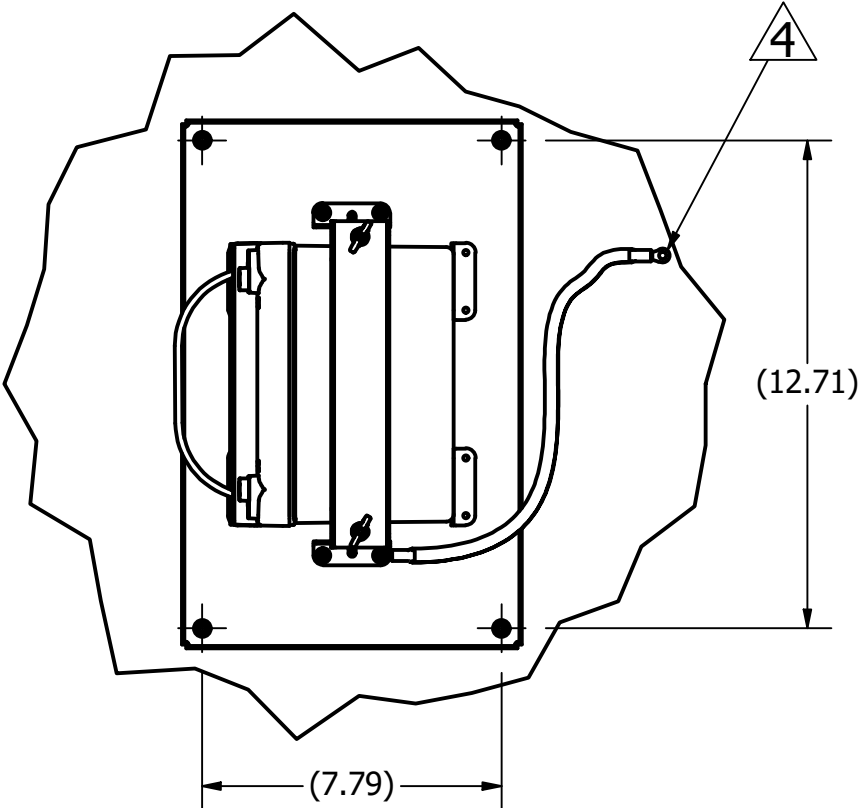
- NOTES:
- 1. SEAL USING MIL-S-8802F CLASS B2 SEALANT.
 - 2. MATCH DRILL THEN HARD SPOT PER MFG. SRM NO. D5132-13 TO AVOID CORE CRUSHING (EA9309.9NA ADHESIVE OR EQUIVALENT). UNDERCUT CORE 0.15 INCH TYP.
 - 3. ALIGN TO MATE MASKED AREA TO UNDERNEATH SCREW HEAD DURING ASSEMBLY.
 - 4. AFFIX GROUNDING STRAP TO AIRFRAME WITH SUPPLIED MS25036-112 RING TERMINAL. CUT TO LENGTH THEN CRIMP PER MANUFACTURER RECOMMENDATIONS OR AMP 408-9252 SECTION 4.4 INSPECTION.
 - 5. AFTER ASSEMBLY AND SUCCESSFUL BONDING TESTING, PAINT EXTERIOR SURFACES WITH ENAMEL TO MATCH AIRCRAFT COLOR.
 - 6. TORQUE FASTENERS PER AC43.13-1B CHG 1, TABLE 7-1.



CARGO POD INTERIOR
(PLAN VIEW)

C208RT-100-1 & -2 CONFIGURATION SHOWN ABOVE

DETAIL A
SCALE 0.2 : 1



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0.005 TO 0.015

.X \pm .1
.XX \pm .01
.XXX \pm .005
ANGLES \pm 1°

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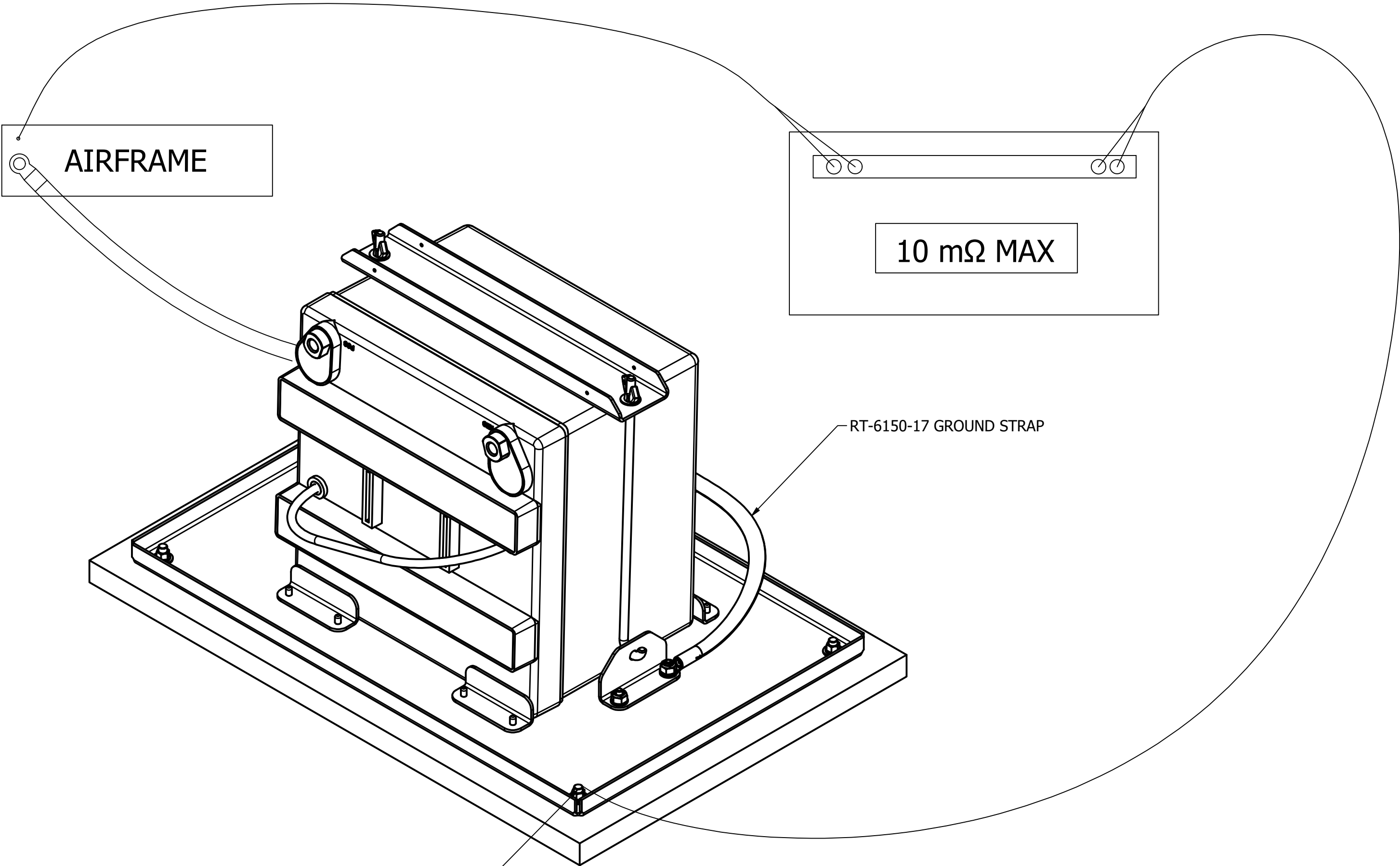
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C208B EMERGENCY BATTERY INSTALLATION

DRAWING NUMBER C208RT-130
CAGE CODE 3CMA0
REV A
ECO
DO NOT SCALE DRAWING
SHEET 2 OF 3

-1 C208B EMERGENCY BATTERY INSTALLATION BONDING TEST PROCEDURE

COMPLETED ASSEMBLY MUST BE TESTED TO VERIFY PROPER ELECTRICAL BONDING:

1. USING CALIBRATED MILLIOHM METER, TEST RESISTANCE FROM AN525-10R16 SCREW AT INDICATED AREA TO AIRFRAME WHERE RT-6150-17 GROUND STRAP IS AFFIXED, NOT TO EXCEED 10 MILLIOHM (0.010 OHM).
2. IF TROUBLESHOOTING IS REQUIRED, INDIVIDUAL METAL-TO-METAL INTERFACE RESISTANCES SHOULD NOT EXCEED 2.5 MILLIOHMS (0.0025 OHM).



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C208RT-130	3CMA0	A	
DO NOT SCALE DRAWING	SHEET 3 OF 3		

Bill of Materials

*C208RT-130-1, REV. A

ITEM #	P/N	DESCRIPTION	QTY	TYP
1	NAS1149F0332P	WASHER	4	EA
2	MS21042L3	NUT	4	EA
3	RT-6150-1	EMERGENCY BATTERY ASSEM	1	EA
4	C208RT-4000-10	DOUBLER	1	EA
5	AN525-10R16	SCREW	4	EA
6	ES59200-2	BATTERY	1	EA